

*AMENDMENTS TO THE CLAIMS*

This Listing of Claims will replace all prior versions, including listings, of claims in the application.

*Listing of Claims*

Claims 1-5 (canceled).

Claim 6 (currently amended): The method according to claim ~~2~~ 21, wherein the myeloperoxidase activity in converting the reactive oxygen species, released by oxidative burst caused by stimulus of said neutrophils, is decreased.

Claims 7-20 (canceled).

Claim 21 (new): A method of inhibiting myeloperoxidase activity in neutrophils in an individual by administering to said individual an effective amount of a lignan, wherein said lignan is enterolactone.

Claim 22 (new): A method of inhibiting myeloperoxidase activity or oxidative burst in macrophages in an individual by administering to said individual an effective amount of a lignan, wherein said lignan is enterolactone or hydroxymatairesinol or a mixture thereof.

Claim 23 (new): A method of inhibiting myeloperoxidase activity or oxidative burst in neutrophils in an individual by administering to said individual an effective amount of a lignan, wherein said lignan is hydroxymatairesinol.